#9946308l6 ID: 88080164 TN 236 2800 2130 QL 84.2 .L35 no.236

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

TECHNICAL NOTE

Filing Code ~~1400-451~~ 9370
Date Issued February 1970

Bureau of Land Management U.S. DEPARTMENT OF THE INTERIOR

EASEMENT VICINITY PHOTO

A monetary award has been approved for Mr. Thomas J. Ebner based on the following suggestion:

"The present practice in preparing easement maps is to indicate the location on a vicinity map of small scale such as 1" = 1/2 mile, and to include easement plats with a scale of 1" = 100.

I suggest that these maps be augmented with an easement vicinity photo similar to the attached aerial photograph.

Many of our easements cross private land owned by absentee owners. In many cases, they are recent purchasers. Most of these owners and even many long time absentee owners are not too familiar with the area the easement crosses. Even owners familiar with their holdings but who are inexperienced in map reading have a great deal of difficulty in transferring map detail to a mental picture of their property. When the landowner lives nearby, this is not too much of a problem as he can be shown the location on the ground. When he is an absentee owner and does not have the time or money to visit his holdings, this inability to image the easement location in reference to his land poses a very real problem in easement negotiation.

An oblique aerial photo of fairly large scale with suitable annotation can do much toward getting an accurate idea of our proposed easement to a hesitant landowner. A photo such as the example can:

1. Be used for orientation of personnel within BLM who may be concerned with easements.
2. Give a landowner a more accurate picture of the easement location.
3. Be used in condemnation cases.
4. Form a basis for more accurate communication of ideas in telephone negotiations.

Photos such as the example are relatively inexpensive. The example was taken with a Speed Graphic on 4" X 5" negatives. Costs are as follows:

Film (per print)	$0.30
Developing	0.16
Enlargement - matte	1.25
*Flying time	5.00
	$6.71

Lessons learned from past photography runs are:

1. With a Speed Graphic, shutter speed should be 1/200 of a second minimum.

2. Aircraft speed should be 90 MPH or below - with Cessna 210 drop flaps and gear.

3. Draw photos should be taken up - draw to provide more apparent relief.

4. Altitude over terrain should be 2,000 feet or less in most cases. "

* Based on taking pictures from Cessna 210 for 10 easements involved in five road developments at one time. Aircraft cost/hour was $40.00.